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Experiences With Production and Application of the
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Vol CLII, No 6, May 1948, pp 378-380.

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On the Ingredients of Non-Biological Origin in the
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XX Ti-Al-Cu-Fe-Si-B SYSTEM, BY I. I. KORNILOV,
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JPRS 15909

SCI - MIN/MET

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Order from OTS or SLA \$1.10 63-14597

Partial trans. (p. 24-28) of [Gorno-Obogatitel'noe
Delo] (USSR) 1932, no. 1, p. 22-28.

DESCRIPTORS: *Wastes (Industrial), *Flotation,
*Potassium compounds, *Sodium compounds, Chlorides,
Production, Fertilizers.

(Engineering--Chemical, TT, v. 10, no. 6)

63-14597

1. Title: Sylvinitic
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1244489

Office of Technical Services

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Influence of Cavitation Intensity on the
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Oct 1964, pp 26-29,
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8 pp.

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An Investigation into the Equilibrium of the
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Sci - Chem

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(NY-5330)

Eliminate Shortcomings in Planning and Recording
Economic Indices, by V. V. Pylev, Ye. M. Bolshakova,
12 pp.

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JPRS 7112

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Solubility and Supersaturation in the System Sodium
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Bor'be s Vrednyimi Nasekomyimi, 1956.

OTS 60-51163
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Sci - Bio

Apr 61

PSE No 117

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OTS 60-51168
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Apr 61

PST No 117

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Sci - Engineering, meteorology

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Calculation of Coefficient of Filtration on the
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Sci - Med

Apr 59

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International Epidemiological Situation, by I. M.
Pypinn.

RUSSIAN, per, ²eur Mikrobiol, Epidemiol i Immunobiol,
No 10, 1960, pp 89-94. CIA 9075531

OTS 61-19649
USDA

Sci - Biology
Apr 61

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(NY-6450)

The Bulgarian Merchant Fleet, by A.
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1961, pp 10-11.

JPRS 10822

EEur - Poland *BULGARIAN*
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Dec 61

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Proteins and Protein-like Compounds in Tobacco, by
C. Pyriki.
GERMAN, per, Institut fuer Tabakforschung. Dresden
Berichte, vol. 11, no. 2, 1964, pp. 183-200.
WTC 70-17076-02D

CSIRO/Number 7812

C. Pyriki

Pyrlik, C. and Müller, R.
EXPERIENCES RELATING TO THE METHODS OF
TOBACCO ANALYSIS. Paper read by C. Pyrlik to the
CORESTA Symposium at Istanbul, 23-24 Aug 60.
[1962] 12p. 17 refs.
Order from OTS or SLA \$1.60

63-10722

Trans. of [die] Nahrung (West Germany) 1962,
v. 6, no. 2, p. 166-174.

DESCRIPTORS: *Tobacco, Chemical analysis,
*Nicotine, Carbohydrates, Proteins, *Nitrogen, Amino
acids, Titration.

(Chemistry--Analytical, TT, v. 10, no. 1)

63-10722

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II. Müller, R.
III. Title: CORESTA ...

Office of Technical Services

Proteins and Similar Compounds in Tobacco
Communication 2. The Method of Protein
Determination, by Constantin Pyriki, Rudolf
Muller, 51pp
GERMAN, par, Inst tabakforsch Berichte, Vol 10,
1963, No 2, pp 203-237
EIA TT-64-18525

Constantin Pyriki

Sci - Chem
May 67

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Pyrikl, C.

NICOTINE CONTENT OF TOBACCO AND OF ITS
PRODUCTS FOR SMOKING AS WELL AS ITS FATE
DURING SMOKING. [1962] 24p.
Order from K-H \$30.00

K-H-3471-b

Trans. of die Pharmazie (Germany) [1955] v. 10,
p. 806-812.

DESCRIPTORS: *Tobacco, *Nicotine, Smokes,
*Cigarettes, *Pharmacology.

(Chemistry--Analytical, TT, v. 9, no. 7)

62-22652

- I. Pyrikl, C.
- II. K-H-3471-b
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

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Pyriki, C. and Philipp, W.
VOLATILIZATION OF NICOTINE FROM TOBACCO
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Order from K-H \$16.25 K-H 6146-c

Trans. of Institut für Tabakforschung. Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 77-87.

DESCRIPTORS: *Tobacco, Heat treatment, *Nicotine,
Vaporization.

62-22661

- I. Pyriki, C.
- II. Philipp, W.
- III. K-H-6146-c
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223306

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62-22651

Pyrikl, C.
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21p.
Order from K-H \$26.25 K-H 6171-a

Trans. of Institut für Tabakforsch[ung], Ber[ichte]
(East Germany) 1956, v. 3, no. 2, p. 310-328.

DESCRIPTORS: *Cigarettes, *Strainers, Tobacco,
*Smokes, Toxicity.

I. Pyrikl, C.
II. K-H-6171-a
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223302

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(Biological Sciences--Pathology, TT, v. 8, no. 8)

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THE BEHAVIOR OF OXYNICOTINE IN THE SMOKING
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Order from K-H \$23.75 K-H 10573 d

Trans. of a Reprint of die Nahrung (West Germany)
1960, v. 4, no. 4, p. 310-322.

DESCRIPTORS: *Cigarettes, *Smokes, *Nicotine, To-
bacco, Oxygen.

I. Pyrikl, C.
II. K-H-10573-d
III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C227859

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62-22659

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CONTRIBUTION TO THE QUANTITATIVE DETER-
MINATION OF ORGANIC ACIDS IN TOBACCO.
[1962] 20p.
Order from K-H \$25.00

K-H 6146-b

Trans. of Inst[itut für] Tabakforsch[ung]. Ber[ichte]
(East Germany) 1956, v. 3, no. 1, p. 60-76.

DESCRIPTORS: Tobacco, Organic acids, Deter-
mination, Quantitative analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

I. Pyriki, C.
II. Kunstmann, F. W.
III. K-H-6146-b
IV. Kresge-Hooker Science
Library Associates,
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C223305

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METHODS FOR THE EXAMINATION OF CIGARET
PAPER. [1962] 11p.
Order from K-H \$13.75 K-H 3236-c

Trans. of Chemische Technik (East Germany) 1953,
v. 5, no. 8, p. 442-444.

DESCRIPTORS: *Cigarettes, *Paper, Analysis.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-22655

- I. Pyriki, C.
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- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223304

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62-17594

Pyrikl, C.
CANCEROGENIC SUBSTANCES IN TOBACCO
SMOKE AND THE POSSIBILITY OF REDUCING
THEIR QUANTITY. [1962] 15p.
Order from K-H \$18.75 K-H 11411-h

Trans. of Pharmazeutische Zentralhalle [für Deutsch-
land] (East Germany) 1961, v. 100, p. 213-221.

DESCRIPTORS: *Cancer, Cigarettes, Smokes,
*Tobacco, Reduction.

(Chemistry--Analytical, TT, v. 8, no. 8)

I. Pyrikl, C.
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Library Associates,
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Pyrid, C.
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Order from SLA \$2.60

TT-64-10992

Trans. of [die] Nahrung (West Germany) 1962, v. 6, no. 7/8, p. 752-763.

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TT-64-10992

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Pyrikl, C. and Philipp, Wolfgang.
EFFECT OF VARIOUS INORGANIC SALTS ON THE
GLOWING ABILITY OF FERMENTED TOBACCO.
[1962] 22p.
Order from K-H \$27.50

K-H 6146-d

Trans. of Inst[itut für] Tabakforsch[ung]. Ber[ichte]
(East Germany) 1955, v. 2, no. 1, p. 94-111.

DESCRIPTORS: *Inorganic substances, *Salts, *To-
bacco, Fermentation, Combustion.

(Chemistry--Physical, TT, v. 8, no. 11)

62-22662

- I. Pyrikl, C.
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Library Associates,
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THE VARIATIONS OF ALKALOIDS IN TOBACCO
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47p.

Order from K-H \$58.75

K-H-6171-b

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1966, v. 3, no. 2, p. 248-281.

DESCRIPTORS: *Alkaloids, *Tobacco,
Transformations.

(Biological Sciences--Botany, TT, v. 3, no. 11)

62-22660

- I. Pyridl, C.
- II. Müller, R.
- III. Herrmann, R.
- IV. K-H-6171-b
- V. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

0226167

Office of Technical Services

Pyrki, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY TREATING
TOBACCO WITH VARIOUS AGENTS. [1963] 9p.
Order from SLA \$1.10 63-14368

Partial trans. (excerpts) of [Institut für Tabakforschung,
Berichte (East Germany) 1960, v. 7, no. 2, p. 216-240].
A complete trans. is available from K-H \$48.75 as
K-H-10969-e [1962].

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes,
Nicotine, Taste, Additives, Carbohydrates.

63-14368

I. Pyrki, C.
II. Moldenhauer, W.

1963-08-28

Office of Technical Services

(Chemistry--Organic, TT, v. 10, no. 3)

Effect of Filter Cigarettes in Relation to the
Filter Material and Draw Resistance., by C. Pyriki.
GERMAN, per, Nahrung, Vol. 6, 1962, pp 732-743.
GB/116

C. PYRIKI

Sci -
July 1967

334-626

Paraffin Hydrocarbons in Tobacco, by Constantin
Pyrzki, Frank Hofmann, 55 pp.

GERMAN, per, Berichte Institut für Tabakforsch-
ung, 1963, vol 10, no 1, pp 69-106.

SLA TT 64-18060

Constantin Pyzki

Jul 66

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Pyrid, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY PROCESSING
TOBACCO WITH VARIOUS AGENTS. [1963] 99p
18 refs

Order from SLA \$3.60

TT-64-14583

Trans. of Institut für Tabakforsch[ung]. Ber[ichte]
(East Germany) 1960, v. 7, no. 2, p. 216-240.
Other translations are available from K-H \$48.75 as
K-H-10969-e [1962]; partial trans. (excerpts) from
SLA \$1.10 as TT-63-14868 [1963] 9p.

(Chemistry--Organic, TT, v. 11, no. 11)

TT-64-14583

I. Pyrid, C.
II. Moldenhauer, W.

1280580

Office of Technical Services

Pyrtki, Constantin and Müller, Rudolf.
CONFRONTATION OF METHODS FOR OBJECTIVE
QUALITY DETERMINATION OF CIGARETTE TO-
BACCOS. [1963] 7p.
Order from SLA \$1.10

63-14369

Trans. of unidentified article, n. p., n. d.

DESCRIPTORS: *Quality control, Determination,
Cigarettes, *Tobacco, Chemical analysis.

(Chemistry--Analytical, TT, v. 10, no. 6)

63-14369

I. Pyrtki, C.
II. Müller, R.

1044450

Office of Technical Services

62-20208

Pyríki, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p. 26 refs.
Order from SLA \$3.60 62-20208

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.
Another trans. is available from K-H \$42.50 as
K-H-10281-g [1962] 34p.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

A comparison of the alkalization strength in steam dis-
tillation was made for a determination of the alkaloids
in a larger number of different tobaccos. It could be
shown that small amounts of nicotine often remain in
(Chemistry--Analytical, TT, v. 10, no. 1) (over)

I. Pyríki, C.
II. Richter, K.

Office of Technical Services

the distillation residues with the use of magnesium oxide, with these amounts being determinable only with sodium hydroxide. The paper-chromatographic investigation showed that these portions do contain certain amounts of nornicotine, but that the greatest portion consisted of nicotine. They were not formed as had been assumed from oxynicotine, but were already present in the tobacco and could not be very easily driven out of the cell structures with the use of a weaker alkalization agent. In contrast, the slow recurrence of nicotine when strongly alkalized tobacco residues were allowed to stand could be attributed to its formation from other tobacco components, but not from oxynicotine. The nicotine obtained in this manner was mainly racemic. (Author)

PB-

62-20208

Pyrid, Constantia.
ON THE FERMENTATION OF TOBACCO. Communi-
cation 4. [1962] 20p.
Order from K-H \$25.00

K-H 3046-b

Trans. of Zeitschrift für Lebensmittel-Untersuchung
und-Forschung (West Germany) 1954, v. 98,
p. 110-118.

DESCRIPTORS: *Tobacco, *Fermentation.

62-22656

- I. Pyrid, C.
- II. K-H-3046-b
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

A239859

(Agriculture--Plant Cultivation, TT, v. 9, no. 1)

Office of Technical Services

Pyrikl, Constantin.
THE QUANTITATIVE CHANGES OF REDUCING MA-
TERIALS AS WELL AS RESINS AND WAXES. [1962]
13p.
Order from K-H 316.25

K-H 3161-c

Trans. of Zeitschrift für Lebensmittel-Untersuch-
ung und -Forschung (West Germany) 1954, v. 98,
p. 294-301.

DESCRIPTORS: *Materials, *Resins, *Waxes, Quanti-
tative analysis.

(Materials, TT, v. 9, no. 1)

62-22657

- I. Pyrikl, C.
- II. K-H-3161-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

AC 3161-c

Office of Technical Services

Pyriki, Constantin.
THE DISTRIBUTION OF ALKALOIDS VOLATILE WITH
STEAM IN THE ORGANS OF NICOTIANA SPECIES IN
TOPPED AND UNTOPPED PLANTS. [1962] 10p.
K-H 5470 c
Order from K-H \$12.50

Trans. of Pharmazeutische Zentralhalle [für Deutsch-
land] (East Germany) 1956, v. 95, Mar, p. 91-96.

DESCRIPTORS: Plants, *Tobacco, *Alkaloids, Distri-
bution, Steam.

(Biological Sciences--Botany, TT, v. 9, no. 1)

62-22653

- I. Pyriki, C.
- II. K-H-5470-c
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

1239853

Office of Technical Services

Pyrki, Constantin, Müller, Rudolf, and
Moldenhauer, Walter.
[ON] THE OCCURENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. II. INVESTIGA-
TION OF THE LIPOPHILE COMPONENTS OF THE
VARIOUS PHASES OF SMOKING AND OF THE TO-
BACCO. Jan 61, 28p.
Order from K-H \$35.00

K-H 10573 e

Trans. of [Institut für Tabakforschung, Berichte]
(East Germany) 1960, v. 7, no. 1, p. 81-102.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
Polycyclic compounds, Tobacco, *Lipids, *Lysines.

(Chemistry--Analytical, TT, v. 9, no. 6)

62-17596

- I. Pyrki, C.
- II. Müller, R.
- III. Moldenhauer, W.
- IV. Title: Investigation ...
- V. K-H-10573-e
- VI. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

228012

Office of Technical Services

Pyrikl, Constantin.
RELATIONS BETWEEN MATERIAL COMPOSITION
AND "STRENGTH" OF TOBACCO PRODUCTS. [1962]
22p.
Order from K-H \$27.50

K-H 6146-e

Trans. of Institut fflr Tabakforschung. Berichte
(East Germany) 1955, v. 2, no. 2, p. 127-141.

DESCRIPTORS: *Tobacco, Processing.

(Agriculture--Plant Cultivation, TT, v. 8, no. 8)

62-22654

- I. Pyrikl, C.
- II. K-H-6146-e
- III. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223303

Office of Technical Services

Pyrikl, Constantin and Richter, Konrad.
NICOTINE TRANSFER DURING STEAM DISTILLA-
TION OF TOBACCO USING VARIOUS ALKALIZA-
TION AGENTS WITH SPECIAL REFERENCE TO
OXYNICOTINE. [1962] 34p.
Order from K-H \$42.50 K-H-10281-g

Trans. of Institut für Tabakforschung. Berichte
(East Germany) 1959, v. 6, no. 2, p. 241-264.

DESCRIPTORS: *Tobacco, *Nicotine, Oxygen com-
pounds, Alkaloids, Steam, Distilling plants.

(Chemistry--Analytical, TT, v. 8, no. 8)

62-17597

- I. Pyrikl, C.
- II. Richter, K.
- III. K-H-10281-g
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223212

Office of Technical Services

Pyriki, Constantin and Müller, Rudolf.
ON THE OCCURRENCE OF POLYCYCLIC HYDRO-
CARBONS IN CIGARETTE SMOKE. [1962] 13p.
Order from K-H \$15.25 K-H 10281-f

Trans. of Institut für Tabak[forschung]. Ber[ichte]
(East Germany) 1959, v. 6, no. 2, p. 231-240.

DESCRIPTORS: *Cigarettes, Smokes, *Hydrocarbons,
*Polycyclic compounds.

(Chemistry--Organic, TT, v. 8, no. 8)

62-17595

- I. Pyriki, C.
- II. Müller, R.
- III. K-H-10281-f
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223211

Office of Technical Services

Pyriki, Constantin and Moldenhauer, Walter.
INFLUENCING CIGARETTE SMOKE BY PROCESS-
ING TOBACCO WITH VARIOUS AGENTS. [1962].
Order from K-H \$48.75 K-H 10969-e

Trans. of Institut f[ur] Tabakforsch[ung]. Ber[ichte]
(East Germany) 1960, v. 7, no. 2, p. 216-240.

DESCRIPTORS: *Tobacco, *Cigarettes, Smokes.

62-17593

- I. Pyriki, C.
- II. Moldenhauer, W.
- III. K-H-10969-e
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

C223269

(Chemistry--Organic, TT, v. 8, no. 8)

Office of Technical Services

Pyriki, C[onstantin] and Fritzsche, J.
ON THE QUESTION OF THE EFFICACY OF FILTER
CIGARETTES. [1962] 22p.
Order from K-H \$27.50 K-H 5131-a

Trans. of Z[eitschrift für] Lebensmittel-[Untersuchung]
u[nd] -Forschung (West Germany) 1956, v. 103,
p. 113-121.

DESCRIPTORS: *Cigarettes, *Particulate filters,
*Smokes, Effectiveness.

(Biological Sciences--Toxicology, TT, v. 9, no. 2)

62-22658

- I. Pyriki, C.
- II. Fritzsche, J.
- III. K-H-5131-a
- IV. Kresge-Hooker Science
Library Associates,
Detroit, Mich.

62-211

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Modifications of Protein and Protein-like Compounds
in the Green Tobacco Plant with reference to Several
Factors, by C. Pyriki.

GERMAN, per, Institut fuer Tabakforschung. Dresden.

Berichte, Vol. 11, no. 1, 1964, pp. 71-79.

WIC 70-17075-02D

C. Pyriki

The Dependence of Primary Production on the
Composition of Phytoplankton, by I. L.
Pyrina, 7 pp.

RUSSIAN, bk, Pervichnaya Produktsiya Morey i
Vnutrennikh Vod, 1961, pp 308-313.

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Sci - Biol & Med
Nov 63

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(DC-3627)

SEITE

The Education of Youth in Polish Work Enterprises,
by Zygmunt Pyrko, 12 pp.

POLISH, per, Szkola Zawodowa, No 12, 1959, Warsaw,
pp 6-11.

JPRS 3406

118,787

SEUR - Poland

Sociological - education

21 Jun 60

The Synthesis and Investigation of Hybrid Polymers.
I. Styrene and Isoprene Block Polymers Formed by
Catalytic Polymerization in Solution Under the
Action of Butyl Lithium, by A. A. Korotkov, L. A.
Shibayev, L. M. Pyrkov, 4 pp.

RUSSIAN, per, Vysokomol Soedin, Vol I, No 3, 1959,
pp 443-453.

PP

Sci - Chem

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Apr 61

Effects of Oxygen and Stirring on Oxidation--
Reduction Polymerization of Acrylonitrile in the
Aqueous Phase, by L. M. Pyrkov, 4 pp.

RUSSIAN, per, Zhur Prii Khim, Vol XXXIII, No 5,
1960, pp 1154-1157.

CB

Sci

Apr 61

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Investigation of Secondary Reactions in Radical
Polymerization Processes by the Formation of
"Hybrid" Polymers, by L. M. Pyrkov, S. E. Bresler,
S. Ya. Frenkel', 8 pp.

RUSSIAN, per, Zhur Obshch Khim, Vol XXIX, No 8,
1959, pp 2750-2759.

Consultants Bureau

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Aug 60

126,754

In the Name of the Beloved Motherland, by Pyatskiy.

RUSSIA, np, Krasnaya Zvezda, 19 Nov 1959.

FBID daily Review

USSR
MIL
Dec 59

102,335

Developments in the Chlorination of Saturated
Hydrocarbons, by Z. S. Smolyan, P. S. Pyryalova,
N. A. Kurdyumova, 17 pp.

RUSSIAN, per, Uspekhi Khim, No 1, 1960,
pp 23-54.

Cleaver-Hume Press

Sci

Sep 60

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Mechanism of the Short-Acting Conditioned Stimulus,
by S. P. Pyshina, 4 pp.

RUSSIAN, per, Zhur Vysshey Nerv Deyatel Dneni I. P.
Pavlova, Vol X, No 6, 1960, pp 860-8 863.

PP

Sci
Apr 62

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(DC-5223)

Complex Mechanization of Labor in the Construction
and Repair of Aerial Communications Lines, by I. P.
Pyshkin, V. A. Vopilkin, N. G. Kuz'min, 5 pp.

RUSSIAN, per, Vestnik Svyaz', No 12, 1960, pp 7-9.

JPRS 8163

Sci

May 61

154, 333

(NY-4694)

Seminar for Communication Engineers and
Technicians, by I. P. Pyshkin, 23 pp.

RUSSIAN, per, Vest Svyazi, No 5 (242), 1960.

JPRS 5616

Sol

Oct 60

129,146

Exact Evaluation of Transients and of Stability for
Sampled-Data Systems With Finite Sampling Time, by
I. V. Pyshkin, 13 pp.

RUSSIAN, per, Avtomat i Telemekh, Vol XXIV, No 10,
1963, pp 1303-1316.

ISA

Sci

Apr 64

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Pyshkin, I. V.
LIMIT CYCLES IN PULSE-WIDTH MODULATED
SYSTEMS (Avtokolebaniya v Sistemakh s Shirotno-
Impul'snoi Modulyatsiei. [Paper] from Proceedings of
Conference held in Moscow, 22-26 Sep 58. [1961]
[27]p. 8 refs.

Order from OTS or SLA \$2.60

62-10155

Trans. of mono. Teoriya i Primenenie Diskretnykh
Avtomaticheskikh Sistem (Theory and Application of
Discrete Automatic Systems) Moscow, 1960,
p. 132-150.

Another trans. is available from OTS \$2.60 as
AD-264 151, STL-TR-61-5110-45, Aug 61, 27p.

DESCRIPTORS: *Control systems, Nonlinear systems,
Sampling, *Pulse modulation, Frequency, Functions,
Equations, Mathematical analysis.

(Engineering--Electronic, TT, v. 7, no. 9) (over)

62-10155

I. Pyshkin, I. V.
II. Title: Theory...

206188

Office of Technical Services